

Project Title	Funding	Strategic Plan Objective	Institution
Using Parent Report to Identify Infants Who Are at Risk for Autism Spectrum Disorder (ASD)	\$0	Q1.S.B	University of North Carolina
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$0	Q1.L.A	University of North Carolina
Restricted Repetitive Behavior in Autism	\$418,741	Q1.L.B	University of North Carolina
Bi-directional regulation of Ube3a stability by cyclic AMP-dependent kinase	\$0	Q2.S.D	University of North Carolina
The role of Shank3 in neocortex versus striatum and the pathophysiology of autism	\$25,000	Q2.S.D	Duke University
A Longitudinal MRI Study of Brain Development in Fragile X Syndrome	\$548,356	Q2.S.D	University of North Carolina
Functional and anatomical recovery of synaptic deficits in a mouse model of Angelman Syndrome	\$0	Q2.S.D	University of North Carolina
Role of UBE3A in the Central Nervous System	\$321,269	Q2.S.D	University of North Carolina
Modeling Pitt-Hopkins Syndrome, an Autism Spectrum Disorder, in Transgenic Mice Harboring a Pathogenic Dominant Negative Mutation in TCF4	\$30,000	Q2.S.D	University of North Carolina
PRECURSORS TO THE DEVELOPMENT OF ANXIETY DISORDERS IN YOUNG CHILDREN WITH AUTISM SPECTRUM DISORDER	\$0	Q2.S.E	Duke University
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Identifying a blood-based biomarker for Autism Spectrum Disorder-related inflammatory bowel disease	\$60,000	Q2.S.E	Wake Forest University
Animal Model of Genetics and Social Behavior in Autism Spectrum Disorders	\$673,494	Q2.S.G	Duke University
The Role of Shank3 in Neocortex Versus Striatum and the Pathophysiology of Autism	\$0	Q2.S.G	Duke University
Genome-wide Identification of Variants Affecting Early Human Brain Development	\$413,630	Q2.S.G	University of North Carolina
A Longitudinal MRI Study of Infants at Risk for Autism	\$2,429,945	Q2.L.A	University of North Carolina
Neural Synchrony and Plasticity in Children with Autism	\$54,400	Q2.Other	University of North Carolina
The Elongation Hypothesis of Autism	\$752,400	Q2.Other	University of North Carolina
Dissecting Reciprocal CNVs Associated With Autism	\$30,000	Q2.Other	Duke University
Correcting excitatory-inhibitory imbalance in autism	\$225,000	Q2.Other	University of North Carolina
Engagement of Social Cognitive Networks during Game Play in Autism	\$29,933	Q2.Other	Duke University
Neural Circuits That Regulate Social Motivation in Autism	\$146,325	Q2.Other	University of North Carolina
The Striatal Circuitry Underlying Autistic-Like Behaviors	\$32,419	Q2.Other	Duke University

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Neuronal Basis of Vicarious Reinforcement Dysfunction in Autism Spectrum Disorder	\$309,761	Q2.Other	Duke University
Networked Cortical Responses to Movement Associated with ASD	\$372,970	Q2.Other	Duke University
Analysis of Shank3 Complete and Temporal and Spatial Specific Knockout Mice	\$425,202	Q2.Other	Duke University
Effects of advanced paternal age on germline genome stability	\$33,035	Q3.S.K	University of North Carolina
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$1,100,000	Q3.L.D	University of North Carolina
Small-molecule compounds for treating autism spectrum disorders	\$0	Q4.S.B	University of North Carolina
Understanding copy number variants associated with autism	\$250,000	Q4.S.B	Duke University
Characterization of synaptic and neural circuitry dysfunction underlying ASD-like behaviors using a novel genetic mouse model	\$15,000	Q4.S.B	Duke University
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina
A novel neural circuit analysis paradigm to model autism in mice	\$196,667	Q4.S.B	Duke University
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina
Effects of oxytocin receptor agonists in mouse models of autism spectrum disorder phenotypes	\$0	Q4.S.B	University of North Carolina
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	\$653,343	Q4.S.D	University of North Carolina
Brain Imaging Markers of Response to Intervention in Toddlers with Autism	\$141,759	Q4.S.F	University of North Carolina
Study of Oxytocin in Autism to Improve Reciprocal Social Behaviors (SOARS-B)	\$2,562,872	Q4.L.A	University of North Carolina
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	\$0	Q4.L.D	3-C Institute for Social Development
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	\$0	Q4.L.D	University of North Carolina
Center on Secondary Education for Students with Autism Spectrum Disorders (CSESA)	\$1,879,805	Q4.L.D	University of North Carolina
Improving social-communication and engagement of elementary students with autism spectrum disorders	\$0	Q4.L.D	University of North Carolina

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Dynamic E-Learning to Improve Postsecondary Transition Outcomes for Secondary Students with High Functioning Autism	\$0	Q4.L.D	3-C Institute for Social Development
Efficacy of the home TEACCHing program for toddlers with autism	\$0	Q4.L.D	University of North Carolina
(SDAS) Patterns and Variations in Emergency Department Visits for U.S. Children with Autism: A Rural-Urban Comparison	\$97,381	Q5.S.A	University of North Carolina
The Professional Development Center: Children with autism spectrum disorders	\$0	Q5.L.A	University of North Carolina
Early intervention professional development: Evidenced-based practices and program quality	\$0	Q5.L.A	University of North Carolina
Toddlers and Families Together: Addressing Early Core Features of Autism	\$299,987	Q5.L.B	University of North Carolina
Personnel preparation program in low incidence severe disabilities	\$241,410	Q5.L.C	University Of North Carolina At Charlotte
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	\$0	Q5.L.C	Western Carolina University
(SDAS) Adequate Health Insurance for Children with Autism: Evidence and Implications for Defining Essential Benefits	\$0	Q5.Other	University of North Carolina
East Carolina University Pathways	\$0	Q5.Other	East Carolina University
Interdisciplinary Leadership in Autism Spectrum Disorders: Optimizing Research-Practice Partnerships for Evidence-based Outcomes	\$249,864	Q5.Other	University of North Carolina
(SDAS) Tough Choices: Autism, Private Health Insurance and Family Out-of-pocket	\$99,999	Q5.Other	University of North Carolina
Using Structured Teaching to Promote Employment Skills in Adolescents with ASD	\$30,000	Q6.L.B	University of North Carolina
ASD in Mid-Adulthood: A 40 Year Follow-Up of Individuals Served by the TEACCH Autism Program	\$149,994	Q6.L.B	University of North Carolina
Resilience Education for Increasing Success in Postsecondary Education	\$32,747	Q6.Other	3-C Institute for Social Development
Understanding Adult Services in the Community Using GIS Technology	\$5,000	Q7.C	University of North Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$307,230	Q7.I	University of North Carolina
Birth to Kindergarten Professional Preparation: Inclusive Services for Children with Autism Spectrum Disorders	\$0	Q7.K	University of North Carolina at Greensboro
Post-doctoral training in special education research	\$0	Q7.K	University of North Carolina

